

DRILL HOLES

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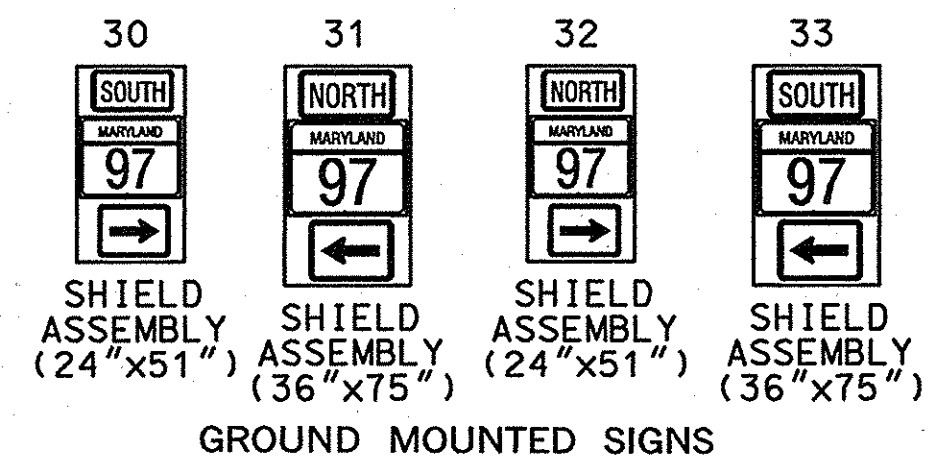
DRILL HOLES

BORDER REV. DATE: June 1, 2004

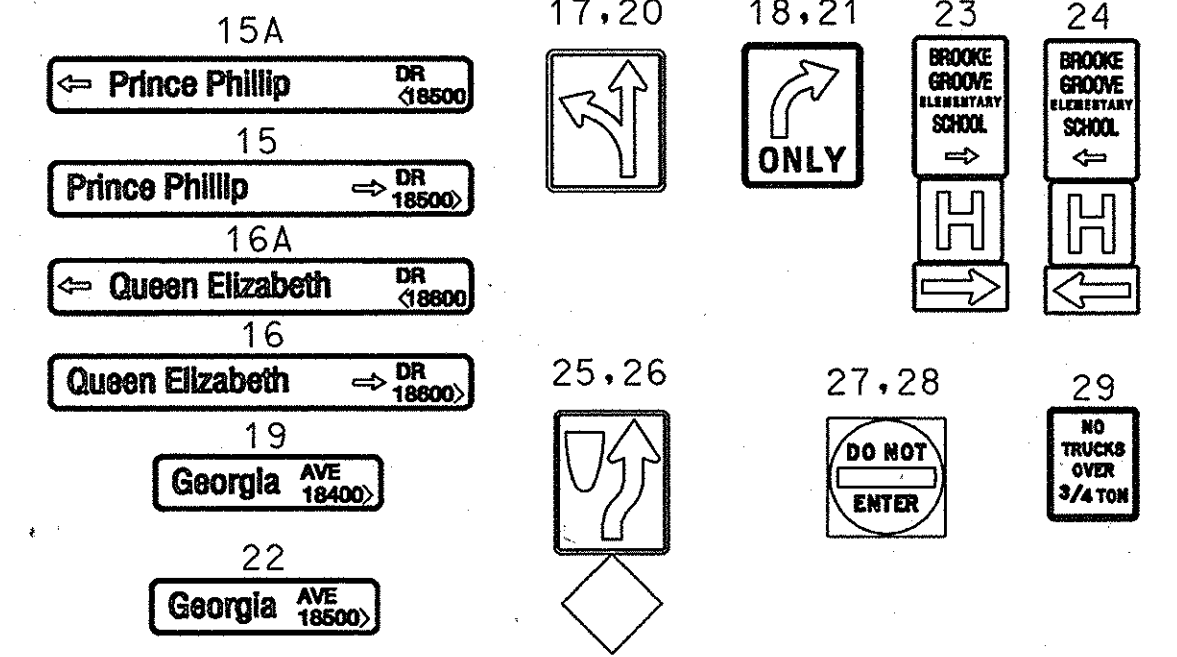
BY: USER NAME

MD97 (GEORGIA AVENUE) IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

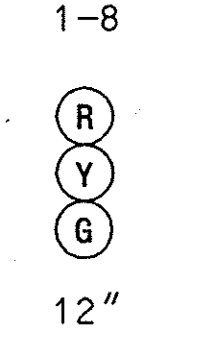
PROPOSED SIGNS



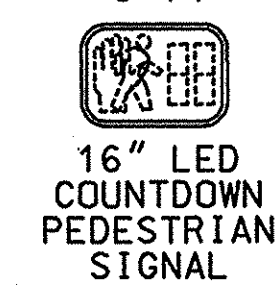
EXISTING SIGNS



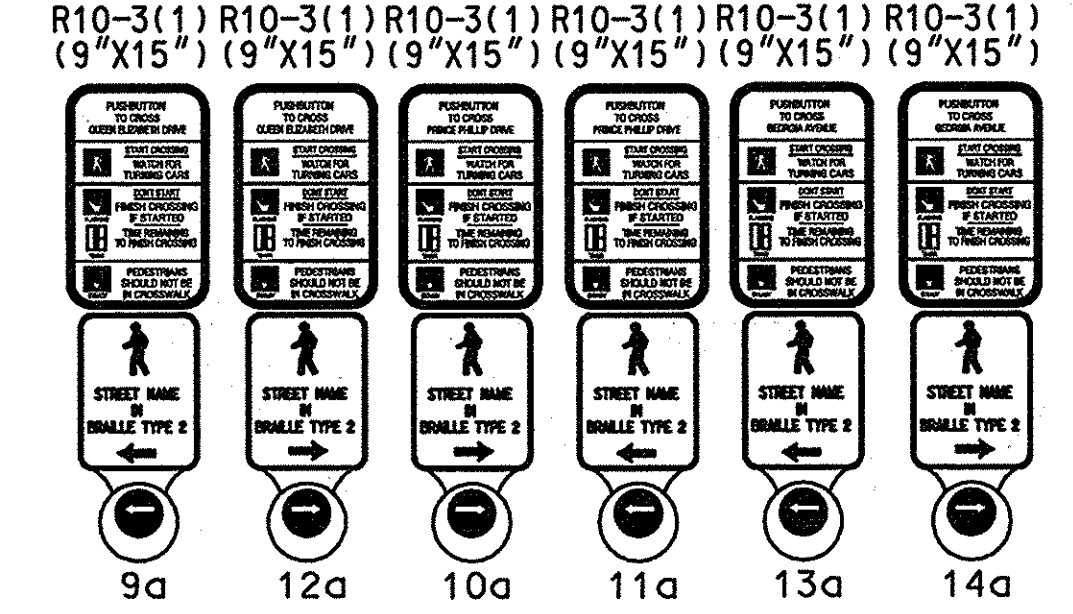
EXISTING SIGNALS



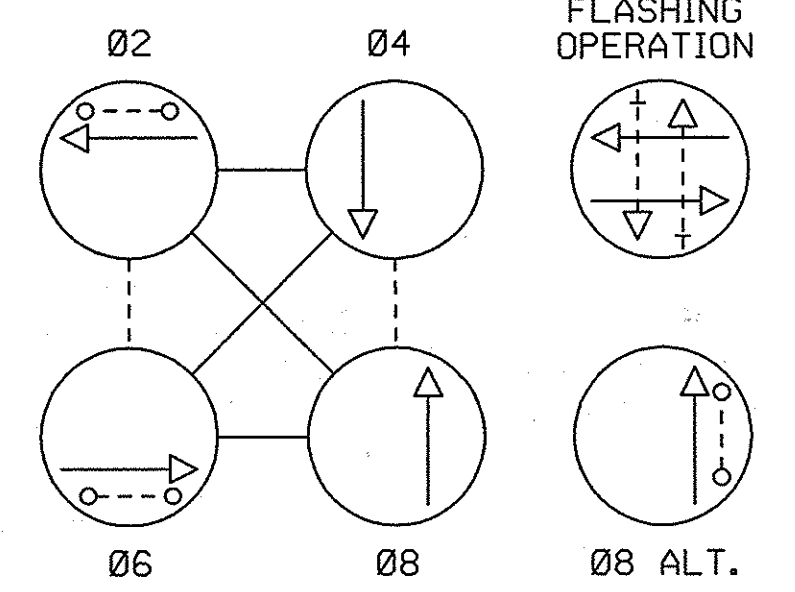
PROPOSED LED SIGNALS



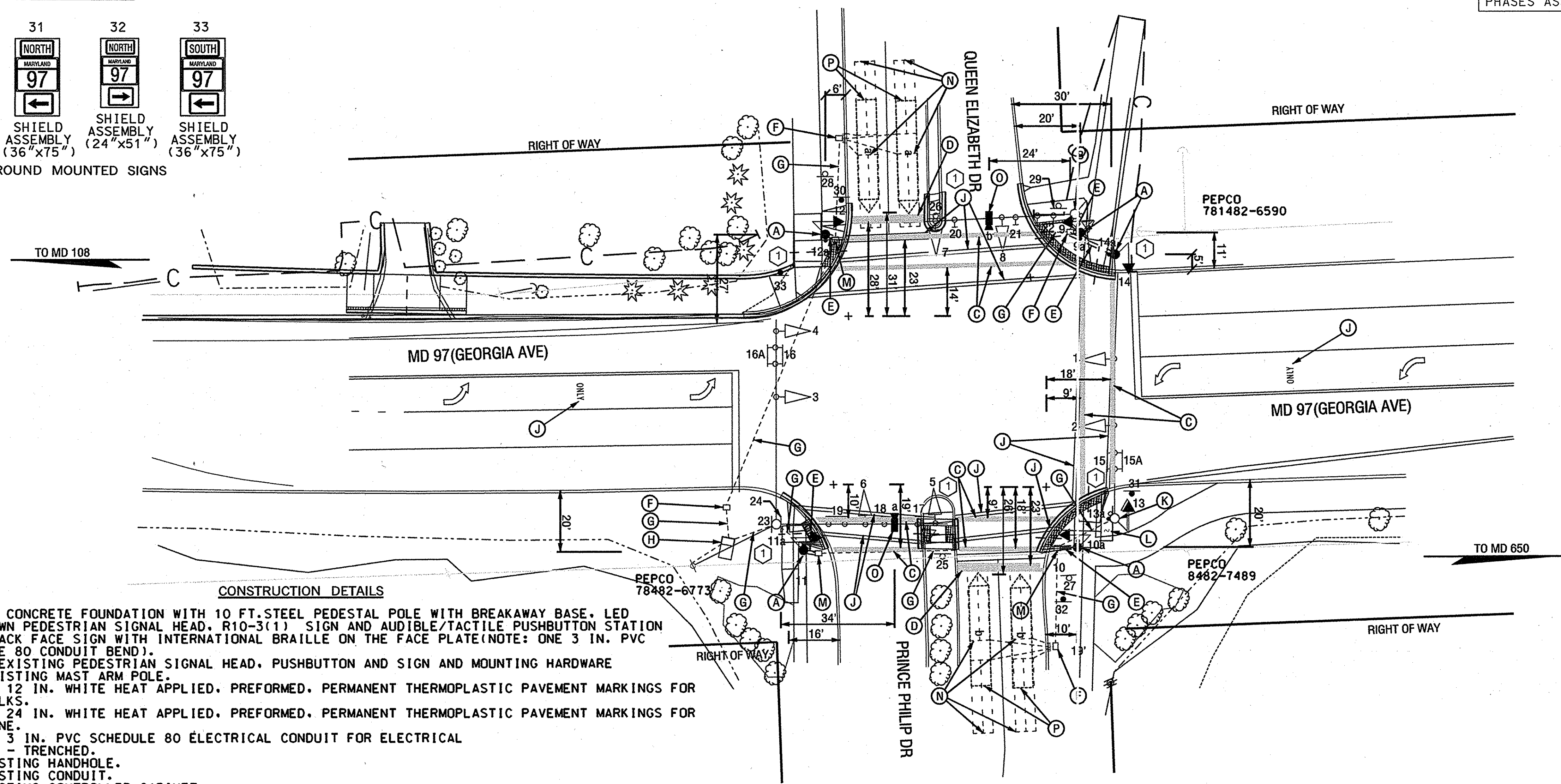
PROPOSED APS PUSHBUTTON STATIONS



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN AND AUDIBLE/TACTILE PUSHBUTTON STATION WITH BLACK FACE SIGN WITH INTERNATIONAL BRAILLE ON THE FACE PLATE (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
 - B. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN AND MOUNTING HARDWARE FROM EXISTING MAST ARM POLE.
 - C. INSTALL 12 IN. WHITE HEAT APPLIED, PREFORMED, PERMANENT THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALKS.
 - D. INSTALL 24 IN. WHITE HEAT APPLIED, PREFORMED, PERMANENT THERMOPLASTIC PAVEMENT MARKINGS FOR STOP LINE.
 - E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED.
 - F. USE EXISTING HANDHOLE.
 - G. USE EXISTING CONDUIT.
 - H. USE EXISTING CONTROLLER CABINET.
 - J. REMOVE EXISTING PAVEMENT MARKING.
 - K. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN AND MOUNTING HARDWARE FROM EXISTING MAST ARM POLE. THEN INSTALL PROPOSED LED COUNTDOWN PEDESTRIAN SIGNAL HEADS WITH NEW MOUNTING HARDWARE AND R10-3(1) SIGN AND AUDIBLE/TACTILE PUSHBUTTON STATION WITH BLACKFACE SIGN WITH INTERNATIONAL BRAILLE ON THE FACE PLATE.
 - L. INSTALL 5 INCH CONCRETE SIDEWALK AS SHOWN ON PLAN.
 - M. ADJUST EXISTING HANDHOLE TO NEW GRADE.
 - N. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL CABLES FROM ALL HANDHOLES. CONDUITS AND CONTROL CABINET COMPLETELY.
 - O. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA AS SHOWN.
 - P. VIDEO DETECTION ZONE.
- CONSTRUCTION LEGEND**
- PROPOSED SIDEWALK CONSTRUCTION
- GEOMETRIC LEGEND**
- EXISTING
- UTILITY LEGEND**
- SD - STORM DRAIN
GAS - GAS MAIN
WATER - WATER MAIN
SAN - SEWER MAIN
UG ELEC - ELECTRIC CABLES
A - AERIAL CABLES
UG TEL - TELEPHONE CABLES
UG FO - FIBER-OPTIC

SABRA, WANG & ASSOCIATES, INC.
1604 JON AVENUE
SUITE 100
BALTIMORE, MD 21227
(410) 737-8584
WWW.SABRA-WANG.COM

GREENLINE 1

Realign crosswalks and curbs due to geometric realignment

May 27, 2008

TEDD Approval: [Signature]

APPROVALS	REVISIONS
TEAM LEADER, TRAFFIC ENGINEERING DIVISION	
ASST. CHIEF TRAFFIC ENGINEERING DIVISION	
CHIEF TRAFFIC ENGINEERING DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

SHA No. M063184

TRAFFIC SIGNAL MODIFICATION

CPS AND APS INSTALLATION

SWA FJA JAH RDB TH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 97 (GEORGIA AVENUE) AND QUEEN ELIZABETH DRIVE / PRINCE PHILLIP DRIVE

BROOKVILLE, MD.

SIGNAL PLAN

SCALE 1" = 20' DATE 01/22/04 CONTRACT NO. AW-453-501-385

DESIGNED BY B. THOMPSON COUNTY MONTGOMERY

DRAWN BY B. THOMPSON LOGMILE 15009711.16

CHECKED BY D. DODA TMS NO. I-687

FAP NO. TOD NO.

TS NO. 3407A DRAWING 1 OF 2 SHEET NO. OF